TRU Full Circle Additives
Technical Data Sheet
810-776-8440
www.truadditives.com

Technical Data Sheet

Product	Type
LUBRISTAY™ 452	**Metalworking** **Medium Chain Chlorinated Paraffin**

Application

Lubristay 452 is a mid-chain chlorinated paraffin and is the industry standard as an EP additive for metalworking fluids. It is also useful in flame retardants and plasticizers. For metalworking fluids, Lubristay 4520 is used primarily in drawing, stamping and straight oil applications.

Typical Properties

Test	Typical
Specific gravity at 25° C	**1.28**
Density, pounds per gallon	**10.7**
Chlorine, % by Wt.	**52**
Carbon Chain Length	**14-16**
Viscosity @ 100° C, cSt	**14**
Viscosity @ 40° C, cSt	**335**
Viscosity @ 210° F SUS	**71**
Viscosity @ 100° F SUS	**1575**
ASTM Color	**1**

Benefits

- Industry standard for extreme pressure applications
- Completely soluble in naphthenic and most paraffinic oils
- Easy to mix with corrosion inhibitors and other additives
- Excellent hydrolytic, thermal and oxidative stability

Storage and Handling

Recommended use and Long Term Storage Temperature*	Ambient
Flash Point	>450° C COC

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4302 James P Cole Boulevard Flint, MI 48505
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www.truadditives.com
customerservice@truadditives.com

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